

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-11-30 19:31:32  
Date of Next Testing: 2026-11-29 19:31:32  
Product Name: **Acid Red 66**  
CAS Number: 4196-99-0  
Specifications & Purity: Dye content ~60 %  
Lot #: K2226137  
SKU #: **A121933**  
Analysis: **131612**

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	≥4.7 (%)	5.30 %
Dye Content	55-100 (%)	91.92 %
EmM	≥19000	19234.00
Carbon by Elemental Analysis	20.9-22.9 (%)	21.30 %
Appearance (A121933)	red to brown powder	red to brown powder
Solubility, Orange to Red, Clear to Slightly Hazy, 1 mg/mL, H <sub>2</sub> O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager